CORRECTED VERSION*

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 :
F23R 3/16, 3/32, F02C 7/08 **A1**

(11) International Publication Number: **WO 98/25082**

(43) International Publication Date: 11 June 1998 (11.06.98)

(21) International Application Number: PCT/US97/22007

(22) International Filing Date: 3 December 1997 (03.12.97)

(30) Priority Data:
60/032,090 3 December 1996 (03.12.96) US

(71) Applicant *(for all designated States except US)*: ELLIOTT ENERGY SYSTEMS, INC. [US/US]; 2901 S.E. Monroe Street, Stuart, FL 34997 (US).

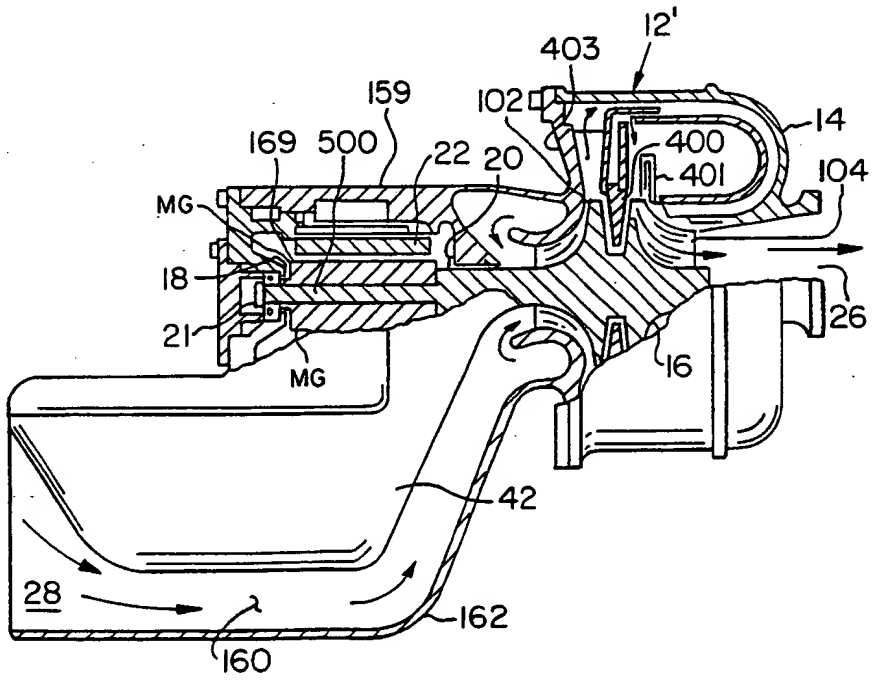
(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: TEETS, J., Michael [US/US]; 5225 Inkwood Drive, Hobe Sound, FL 33455 (US). TEETS, Jon, W. [US/US]; 7556 E. Sweetwater Avenue, Scottsdale, AZ 85260 (US).

(74) Agents: BYRNE, Richard, L. et al.; Webb Ziesenheim Bruening Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219–1818 (US).

(81) Designated States: AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published
With international search report.
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: AN ELECTRICITY GENERATING SYSTEM HAVING AN ANNULAR COMBUSTOR



(57) Abstract

An electricity generating system having a body (159), an annular combustor (14), a turbine (16), a compressor chamber and a compressor (102) positioned within the compressor chamber. An inlet port is in fluid communication with the compressor chamber and an exit port is in fluid communication with the turbine. A plurality of magnets (MG) is secured to the rotor (18) and a stator (22) made of magnetically attracted material, such as iron, and having a stator winding provided in the body (159). The stator winding is positioned in close proximity to the plurality of magnets mounted to the rotor whereby rotation of the rotor (18) induces a current in the winding.